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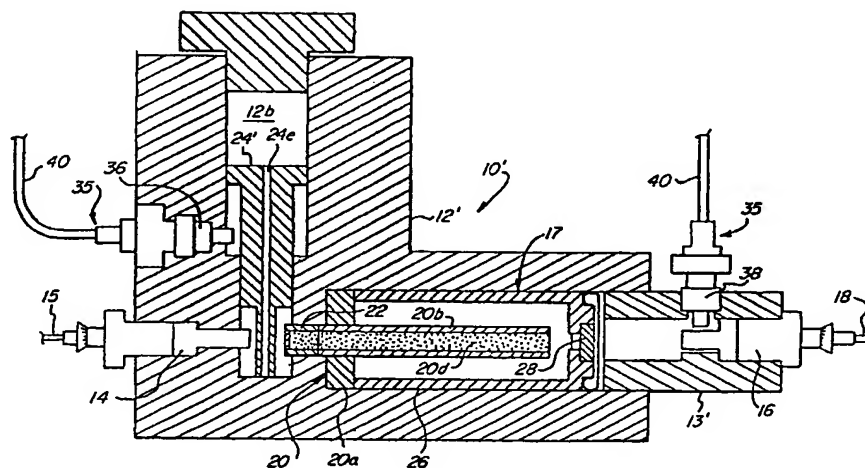
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- (71) Applicant (for all designated States except US): ENSIGN-BICKFORD AEROSPACE & DEFENSE COMPANY [US/US]; 640 Hopmeadow Street, P.O. Box 483, Simsbury, CT 06070-0483 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): GRAHAM, John, A. [US/US]; 29 Colonial Road, Middletown, CT 06457 (US). MALLERY, Carl, F. [US/US]; 9 Gordon Street, Simsbury, CT 06070 (US). KEZERIAN, Jeffrey, M. [US/US]; 9 East Tomstead Road, Simsbury, CT 06070 (US). KACZYNSKI, Geoffrey, P. [US/US]; 234 South Main Street, N^o 411, Middletown, CT 06457 (US).
- (74) Agents: LIBERT, Victor, E. et al.; Libert & Associates, 3 Mill Pond Lane, P.O. Box 538, Simsbury, CT 06070-0538 (US).
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(54) Title: EXPLOSIVE-ACTIVATED SAFE-ARM DEVICE



(57) Abstract: This invention provides a protective safe-arm device (10) for use with a delayed output component (17) that can be coupled to an input device (16) and to an output device (14) to interpose a delay between the receipt of an initiation signal from the input device (16) and the issuance of the signal to an output device (14), which may communicate with, or be part of, an explosively-activated target device, e.g., a rocket motor, warhead, etc. The safe-arm device (10) is configured so that before the output device (14) is intended to function, a barrier member (24) resides between the output device (14) and the delayed output component (17) therein. Thus, should the delayed output component (17) function inadvertently, I will fail to initiate the output device (14). However, a signal received from the input device (16) causes the introduction into the housing of an impelling gas which moves the barrier member (24) away from its protective position, thus permitting the delayed output component (17) to initiate the output device (14).

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